

AHP-300FF

Air Conditioner

Air Cooled
Through Mounted
NEMA-12, 4, and 4x

General Purpose VDC Input
210 BTU/HR



FEATURES

- Compact (only 10" X 5.37" X 6.45")
- Mounts and operates in any orientation: horizontal, vertical, etc.
- Low vibration and noise
- No moving parts except fans
- Environmentally safe
- No compressor, fluorocarbons or filters
- Virtually maintenance-free operation
- Weight 7.5 LBS.

OPERATING TEMPERATURES

Operating Ambient -40/+70 °C
Operating Enclosure -10/+60 °C

PERFORMANCE RATINGS

Cooling (Traditional) 210 BTU/HR
Cooling (Din 3168) 61 WATTS
Cooling COP (at L35 L35) 0.42

OPTIONS

- Temperature Control TC-6F DC for cool only
- Temperature Control TC-3F DC for heat/cool
- Adaptable for TC-3400
- Adaptable for TC-3500 (only Rev. Pol. versions @ 24VDC)
- Cover for hot side

INCLUDES

- Mounting gasket
- Mounting hardware
- Power input leads

CONFIGURATIONS

MODEL	PART NUMBER	NOTES	HEAT Watts	VOLTAGE VDC	CURRENT AMPS	ENVIRONMENT
AHP-300FF	0-7097-0-000	Cool only, industrial fans	None	12/24/48	12/6/3	NEMA-12, IP 52
AHP-300FFHC	0-7094-1-000	Heat/Cool, industrial fans	75	12	12	NEMA-12, IP 52
AHP-300FFHC	0-7095-1-000	Heat/Cool, industrial fans	75	24	6	NEMA-12, IP 52
AHP-300FFHC	0-7097-1-001	Heat/Cool, industrial fans, Rev. Pol.	144	12/24/48	12/6/3	NEMA-12, IP 52
AHP-300XE	0-7097-4-000	Cool only, sealed hot side fan	None	12/24/48	12/6/3	NEMA-4, IP 56
AHP-300XEHC	0-7095-5-000	Heat/Cool, sealed hot side fan	75	24	6	NEMA-4, IP 56
AHP-300XEHC	0-7097-5-001	Heat/Cool, sealed hot side fan, Rev. Pol.	144	12/24/48	12/6/3	NEMA-4, IP 56
AHP-300X	0-7097-2-000	Cool only, Mil. grade hot side fan	None	12/24/48	12/6/3	NEMA-4X, IP 56
AHP-300XHC	0-7094-3-000	Heat/Cool, Mil. grade hot side fan	75	12	12	NEMA-4X, IP 56
AHP-300XHC	0-7095-3-000	Heat/Cool, Mil. grade hot side fan	75	24	6	NEMA-4X, IP 56
AHP-300XHC	0-7097-3-001	Heat/Cool, Mil. grade hot side fan, Rev. Pol.	144	12/24/48	12/6/3	NEMA-4X, IP 56

AHP-300FF

MOUNTING STYLE

Through Mounted

ENVIRONMENTS SERVED

NEMA-12 IP 52

NEMA-4,4X IP 56

RATING (TRADITIONAL)

210 BTU/hr @ 0 °F ΔT

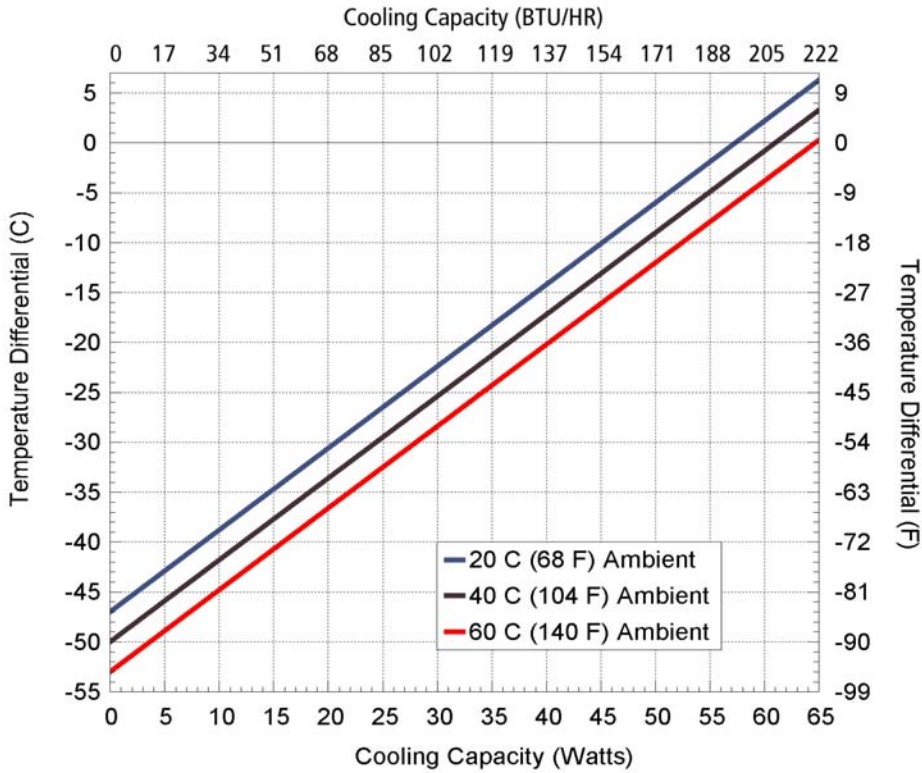
250 BTU/hr @ +20 °F ΔT

RATING (DIN 3168)

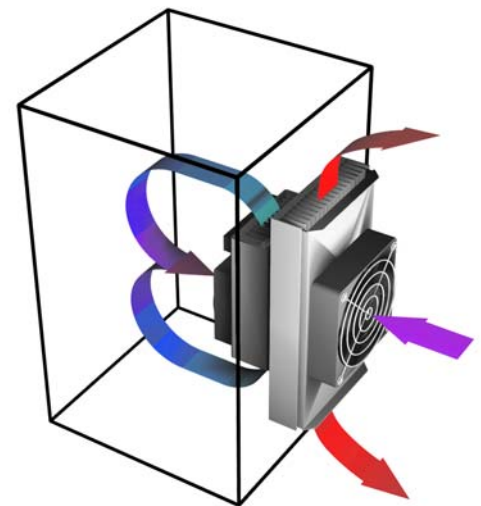
61 Watts L35 L35

44 Watts L35 L50

PERFORMANCE CURVE

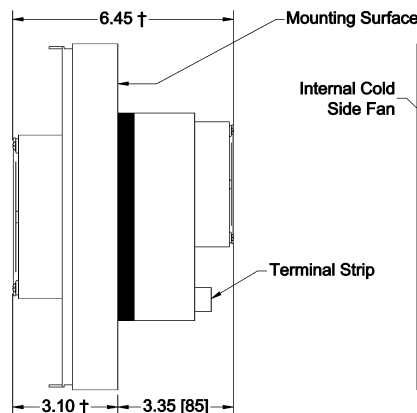
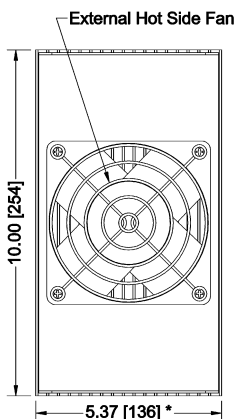


	y=ΔT(°C) x=Capacity (Watts)		
Ambient Temp	20°C	40°C	60°C
Enclosure Air	y=.82x-47.0	y=.82x-50.0	y=.82x-53.0
Cold Sink	y=.64x-47.0	y=.64x-50.0	y=.64x-53.0

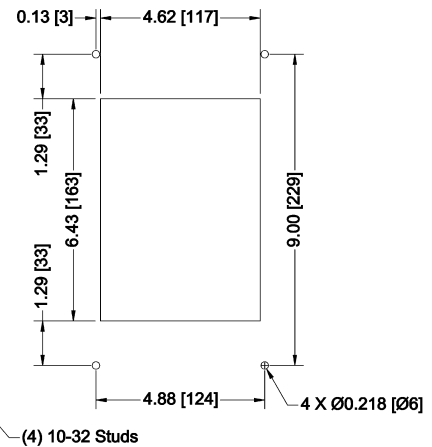


Air Flow Pattern

DIMENSIONS



MOUNTING CUTOUT DIMENSIONS



* Dimension does not include hardware and sealant.
 † On all models of AHP-300X, these dimensions are greater by 0.25 inch.
 Mounting hardware and gasket included but not shown.
 Dimensions: Inches [Millimeters]